

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A multifunction telephone switching system comprising:
 - a portable radiophone;
 - a plurality of multifunction telephones, a specific one of which is connected to said portable radiophone; and
 - a control unit connected to said plurality of multifunction telephones to manage said plurality of multifunction telephones,
wherein, when said specific multifunction telephone notifies said control unit of a call arrival at said portable radiophone, ~~and~~ in response, said control unit switches ~~the~~said same specific multifunction telephone, provided said same specific multifunction telephone is available, from a wired line communication mode to a radio communication mode to answer a call addressed to said portable radiophone via said specific multifunction telephone,
said control unit permits response to an arrived call for said specific multifunction telephone based on an operation state of said specific multifunction telephone, and
said specific multifunction telephone responds to said arrived call at said portable radiophone in response to the permission.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

2. (previously presented): The multifunction telephone switching system according to claim 1, wherein said control unit sets said specific multifunction telephone to a busy state, after said control unit has permitted said specific multifunction telephone to respond.

3. (previously presented): The multifunction telephone switching system according to claim 1, wherein when said multifunction telephone cannot respond to said arrived call, said control unit selects another multifunction telephone from said plurality of multifunction telephones based on the operation states of said plurality of multifunction telephones, and permits the response to said arrived call to said another multifunction telephone, and said another multifunction telephone responds to said arrived call in response to the permission.

4. (original): The multifunction telephone switching system according to claim 3, wherein said control unit determines that said specific multifunction telephone cannot respond said arrived call, when said operation state of said specific multifunction telephone is busy.

5. (previously presented): The multifunction telephone switching system according to claim 3, wherein said control unit determines that said specific multifunction telephone cannot respond to said arrived call, when said specific multifunction telephone lacks at least one of a handset and a set having a speaker and a microphone.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

6. (previously presented): The multifunction telephone switching system according to claim 1, wherein said control unit comprises a data storage which stores operation data indicative of said operation state of each of said plurality of multifunction telephones, and refers to said data storage to determine whether each of said plurality of multifunction telephones is occupied.

7. (original): The multifunction telephone switching system according to claim 1, wherein said specific multifunction telephone can respond to said arrived call at said portable radiophone without waiting for the permission when the permission is previously given.

8. (previously presented): The multifunction telephone switching system according to claim 1, wherein said specific multifunction telephone notifies said control unit of a line disconnection when communication through said portable radiophone is ended, and said control unit sets said specific multifunction telephone to a vacant state.

9. (original): The multifunction telephone switching system according to claim 1, wherein said specific multifunction telephone communicates with any of said plurality of multifunction telephones by use of said control unit.

10. (previously presented): The multifunction telephone switching system according to claim 1, wherein said specific multifunction telephone originates a dial data comprising a dial number of a destination radiophone, and notifies the origination of the dial data to said control unit,

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

 said control unit sets said specific multifunction telephone to a busy state, and said portable radiophone originates a call to said destination radiophone based on said dial data.

11. (previously presented): The multifunction telephone switching system according to claim 1, wherein one of said plurality of multifunction telephone sends a dial data comprising a dial number of a destination radiophone to said control unit,

 said control unit sets said one multifunction telephone to a busy state, and sends the dial data to said portable radiophone via said specific multifunction telephone,

 said portable radiophone originates a call to said destination radiophone based on said dial data.

12. (currently amended): A multifunction telephone comprising:
 a handset;
 a connection control section to which a portable radiophone is to be connected; and
 a communication control section for controlling a wired line communication and a radio channel communication through said connection control section and said portable radiophone,
 wherein said communication control section detects a call arrival at said portable radiophone through said connection control section, and responds to an arrived call at said portable radiophone through said connection control section when the response to said arrived call is permitted,
 wherein said multifunction telephone is managed by a remote control unit, and

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

wherein, when said multifunction telephone notifies the remote control unit of an arrived call to said portable radiophone, and in response, said remote control unit switches the-said same multifunction telephone, provided said same multifunction telephone is available, from a wired line communication mode to a radio communication mode to answer a call addressed to said portable radiophone via said multifunction telephone.

13. (original): The multifunction telephone according to claim 12, wherein said communication control section can respond to said arrived call at said portable radiophone through said connection control section without waiting for the permission when the permission is previously given.

14. (original): The multifunction telephone according to claim 12, wherein said communication control section receives said call arrival at said portable radiophone, and responds to an arrived call at said portable radiophone through said connection control section when the response to said arrived call is permitted.

15. (original): The multifunction telephone according to claim 12, wherein said communication control section outputs an operation state of said multifunction telephone when the operation state is changed.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

16. (original): The multifunction telephone according to claim 12, wherein said communication control section outputs a line disconnection when communication through said connection control section and said portable radiophone is ended.

17. (original): The multifunction telephone according to claim 12, wherein said communication control section carries out an extension line communication with another multifunction telephone.

18. (previously presented): The multifunction telephone according to claim 12, wherein said communication control section originates a dial data comprising a dial number of a destination radiophone through said connection control section, such that said portable radiophone originates a call to said destination radiophone based on said dial data.

19. (previously presented): The multifunction telephone according to claim 12, wherein said communication control section receives a dial data comprising a dial number of a destination radiophone and sends said dial data through said connection control section, such that said portable radiophone originates a call to said destination radiophone based on said dial data.

20. (currently amended): A telephone switching system comprising:
a portable radiophone receiving calls via radio communication network;
a control unit; and

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

a plurality of multifunction telephones, at least one of said multifunction telephones comprises:

 a handset;
 a connection control section to which a portable phone is to be connected; and
 a communication control section for controlling a wired line communication and a radio channel communication through said connection control section and said portable phone,

 wherein, when said multifunction telephone notifies said control unit when-of a call arriving~~arrives~~ to the portable radiophone, and in response, said control unit switches the~~the~~said same multifunction telephone, provided said same multifunction telephone is available, from a wired line communication mode to a radio communication mode to answer a call addressed to said portable phone via said handset.

21. (previously presented): The telephone switching system according to claim 20, wherein said communication control section of the multifunction telephone notifies a control unit connected to said multifunctional phone of a call arrival at said portable phone.

22. (previously presented): The telephone switching system according to claim 20, wherein said communication control section of the multifunction telephone detects a call arrival at said portable phone through said connection control section, and responds to the arrived call through said connection control section when the response to said arrived call is permitted.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

23. (previously presented): The telephone switching system according to claim 22, wherein said communication control section can respond to said arrived call at said portable phone through said connection control section without waiting for the permission when the permission is previously given.

24. (canceled).

25. (previously presented): The telephone switching system according to claim 20, wherein said communication control section outputs an operation state of said multifunction telephone when the operation state is changed.

26. (previously presented): The telephone switching system according to claim 22, wherein said plurality of multifunction telephones are private telephones of a private branch exchange network.

27. (previously presented): The telephone switching system according to claim 26, wherein the portable radiophone corresponds with only one multifunction telephone from said plurality of multifunction telephones.

28. (previously presented): The telephone switching system according to claim 27, where said one multifunction telephone further comprises a suspension tone source section for

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/707,963
Attorney Docket No.: Q61597

converting the radio signal of a radiophone network into a signal of the wired network, and vice versa.

29. (previously presented): The telephone switching system according to claim 28, wherein said radiophone network is a Personal Digital Cellular telecommunication system or a personal handy-phone system.